RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/594,674_

Source: _1/FWO_

Date Processed by STIC: _11/6/06_

ENTERED

IFWO

```
        3 <110> APPLICANT: Universite Bordeaux 2
        5 <120> TITLE OF INVENTION: Peptides and Peptidomimetics binding to Cd23
        7 <130> FILE REFERENCE: B0283WO
C-->    9 <140> CURRENT APPLICATION NUMBER: US/10/594,674
C-->   10 <141> CURRENT FILING DATE: 2006-09-28
       12 <160> NUMBER OF SEQ ID NOS: 52
       14 <170> SOFTWARE: PatentIn version 3.2
       16 <210> SEQ ID NO: 1
       17 <211> LENGTH: 7
       18 <212> TYPE: PRT
       19 <213> ORGANISM: Artificial
       21 <220> FEATURE:
       22 <223> OTHER INFORMATION: CD23 binding peptide
       24 <400> SEQUENCE: 1
       26 Phe His Glu Asn Trp Pro Ser
       27 1               5
       30 <210> SEQ ID NO: 2
       31 <211> LENGTH: 7
       32 <212> TYPE: PRT
       33 <213> ORGANISM: Artificial
       35 <220> FEATURE:
       36 <223> OTHER INFORMATION: CD23 binding peptide
       38 <400> SEQUENCE: 2
       40 Phe His Glu Phe Trp Pro Thr
       41 1               5
       44 <210> SEQ ID NO: 3
       45 <211> LENGTH: 7
       46 <212> TYPE: PRT
       47 <213> ORGANISM: Artificial
       49 <220> FEATURE:
       50 <223> OTHER INFORMATION: CD23 binding peptide
       52 <400> SEQUENCE: 3
       54 Phe His Ser Gln Trp Pro Asn
       55 1               5
       58 <210> SEQ ID NO: 4
       59 <211> LENGTH: 6
       60 <212> TYPE: PRT
       61 <213> ORGANISM: Artificial
       63 <220> FEATURE:
       64 <223> OTHER INFORMATION: CD23 binding peptide
       66 <400> SEQUENCE: 4
       68 Phe His Glu Asn Trp Pro
       69 1               5
```

RAW SEQUENCE LISTING   DATE: 11/06/2006
PATENT APPLICATION: US/10/594,674   TIME: 11:00:28

Input Set : A:\604-790 sequence listing.txt
Output Set: N:\CRF4\11062006\J594674.raw

```
 72 <210> SEQ ID NO: 5
 73 <211> LENGTH: 7
 74 <212> TYPE: PRT
 75 <213> ORGANISM: Artificial
 77 <220> FEATURE:
 78 <223> OTHER INFORMATION: CD23 binding peptide
 80 <400> SEQUENCE: 5
 82 Phe His Glu Asn Trp Pro Thr
 83 1               5
 86 <210> SEQ ID NO: 6
 87 <211> LENGTH: 7
 88 <212> TYPE: PRT
 89 <213> ORGANISM: Artificial
 91 <220> FEATURE:
 92 <223> OTHER INFORMATION: CD23 binding peptide
 94 <400> SEQUENCE: 6
 96 Phe His Glu Gln Trp Pro Ser
 97 1               5
100 <210> SEQ ID NO: 7
101 <211> LENGTH: 6
102 <212> TYPE: PRT
103 <213> ORGANISM: Artificial
105 <220> FEATURE:
106 <223> OTHER INFORMATION: CD23 binding peptide
108 <400> SEQUENCE: 7
110 His Glu Asn Trp Pro Ser
111 1               5
114 <210> SEQ ID NO: 8
115 <211> LENGTH: 6
116 <212> TYPE: PRT
117 <213> ORGANISM: Artificial
119 <220> FEATURE:
120 <223> OTHER INFORMATION: CD23 binding peptide
122 <400> SEQUENCE: 8
124 His Lys Asn Trp Pro Arg
125 1               5
128 <210> SEQ ID NO: 9
129 <211> LENGTH: 7
130 <212> TYPE: PRT
131 <213> ORGANISM: Artificial
133 <220> FEATURE:
134 <223> OTHER INFORMATION: CD23 binding peptide
136 <400> SEQUENCE: 9
138 His Glu Asn Trp Pro Ser Phe
139 1               5
142 <210> SEQ ID NO: 10
143 <211> LENGTH: 7
144 <212> TYPE: PRT
145 <213> ORGANISM: Artificial
```

```
147 <220> FEATURE:
148 <223> OTHER INFORMATION: CD23 binding peptide
150 <400> SEQUENCE: 10
152 Pro His Lys Pro Trp Arg Ala    .
153 1               5
156 <210> SEQ ID NO: 11
157 <211> LENGTH: 21
158 <212> TYPE: DNA
159 <213> ORGANISM: Artificial
161 <220> FEATURE:
162 <223> OTHER INFORMATION: nucleotide sequence encoding for CD23 binding peptide
164 <400> SEQUENCE: 11
165 tttcatgaga attggccttc g                                          21
168 <210> SEQ ID NO: 12
169 <211> LENGTH: 21
170 <212> TYPE: DNA
171 <213> ORGANISM: Artificial
173 <220> FEATURE:
174 <223> OTHER INFORMATION: nucleotide sequence encoding CD23 binding peptide
176 <400> SEQUENCE: 12
177 tttcatgagt tttggcctac c                                          21
180 <210> SEQ ID NO: 13
181 <211> LENGTH: 21
182 <212> TYPE: DNA
183 <213> ORGANISM: Artificial
185 <220> FEATURE:
186 <223> OTHER INFORMATION: nucleotide sequence encoding CD23 binding peptide
188 <400> SEQUENCE: 13
189 tttcattcgc agtggcctaa c                                          21
192 <210> SEQ ID NO: 14
193 <211> LENGTH: 18
194 <212> TYPE: DNA
195 <213> ORGANISM: Artificial
197 <220> FEATURE:
198 <223> OTHER INFORMATION: nucleotide sequence encoding CD23 binding peptide
200 <400> SEQUENCE: 14
201 tttcatgaga attggcct                                              18
204 <210> SEQ ID NO: 15
205 <211> LENGTH: 21
206 <212> TYPE: DNA
207 <213> ORGANISM: Artificial
209 <220> FEATURE:
210 <223> OTHER INFORMATION: nucleotide sequence encoding CD23 binding peptide
212 <400> SEQUENCE: 15
213 tttcatgaga attggcctac c                                          21
216 <210> SEQ ID NO: 16
217 <211> LENGTH: 21
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial
```

RAW SEQUENCE LISTING   DATE: 11/06/2006
PATENT APPLICATION: US/10/594,674   TIME: 11:00:29

Input Set : **A:\604-790 sequence listing.txt**
Output Set: **N:\CRF4\11062006\J594674.raw**

221 <220> FEATURE:
222 <223> OTHER INFORMATION: nucleotide sequence encoding CD23 binding peptide
224 <400> SEQUENCE: 16
225 tttcatgagc agtggccttc g   21
228 <210> SEQ ID NO: 17
229 <211> LENGTH: 18
230 <212> TYPE: DNA
231 <213> ORGANISM: Artificial
233 <220> FEATURE:
234 <223> OTHER INFORMATION: nucleotide sequence encoding CD23 binding peptide
236 <400> SEQUENCE: 17
237 catgagaatt ggccttcg   18
240 <210> SEQ ID NO: 18
241 <211> LENGTH: 18
242 <212> TYPE: DNA
243 <213> ORGANISM: Artificial
245 <220> FEATURE:
246 <223> OTHER INFORMATION: nucleotide sequence encoding CD23 binding peptide
248 <400> SEQUENCE: 18
249 cataagaatt ggccttcg   18
252 <210> SEQ ID NO: 19
253 <211> LENGTH: 21
254 <212> TYPE: DNA
255 <213> ORGANISM: Artificial
257 <220> FEATURE:
258 <223> OTHER INFORMATION: nucleotide sequence encoding CD23 binding peptide
260 <400> SEQUENCE: 19
261 catgagaatt ggccttcgtt t   21
264 <210> SEQ ID NO: 20
265 <211> LENGTH: 21
266 <212> TYPE: DNA
267 <213> ORGANISM: Artificial
269 <220> FEATURE:
270 <223> OTHER INFORMATION: nucleotide sequence encoding CD23 binding peptide
272 <400> SEQUENCE: 20
273 tttcataagc cttggagggc c   21
276 <210> SEQ ID NO: 21
277 <211> LENGTH: 7
278 <212> TYPE: PRT
279 <213> ORGANISM: Artificial
281 <220> FEATURE:
282 <223> OTHER INFORMATION: CD23 binding peptide
284 <400> SEQUENCE: 21
286 Phe His Glu Ser Trp Pro Pro
287 1   5
290 <210> SEQ ID NO: 22
291 <211> LENGTH: 7
292 <212> TYPE: PRT
293 <213> ORGANISM: Artificial

```
295 <220> FEATURE:
296 <223> OTHER INFORMATION: CD23 binding peptide
298 <400> SEQUENCE: 22
300 Phe His Glu Phe Trp Pro Leu
301 1                   5
304 <210> SEQ ID NO: 23
305 <211> LENGTH: 7
306 <212> TYPE: PRT
307 <213> ORGANISM: Artificial
309 <220> FEATURE:
310 <223> OTHER INFORMATION: CD23 binding peptide
312 <400> SEQUENCE: 23
314 Phe His Ser Gln Trp Pro Gly
315 1                   5
318 <210> SEQ ID NO: 24
319 <211> LENGTH: 6
320 <212> TYPE: PRT
321 <213> ORGANISM: Artificial
323 <220> FEATURE:
324 <223> OTHER INFORMATION: CD23 binding peptide; Xaa is tetrahydrolsoquinoline-3-
carboxylic
325         acid, 4' indolyl alanine, or beta tryptophan
328 <220> FEATURE:
329 <221> NAME/KEY: misc_feature
330 <222> LOCATION: (4)..(4)
331 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
333 <400> SEQUENCE: 24
W--> 335 His Glu Asn Xaa Pro Ser
336 1                   5
339 <210> SEQ ID NO: 25
340 <211> LENGTH: 6
341 <212> TYPE: PRT
342 <213> ORGANISM: Artificial
344 <220> FEATURE:
345 <223> OTHER INFORMATION: CD23 binding peptide
347 <400> SEQUENCE: 25
349 His Asn Glu Trp Pro Ser
350 1                   5
353 <210> SEQ ID NO: 26
354 <211> LENGTH: 5
355 <212> TYPE: PRT
356 <213> ORGANISM: Artificial
358 <220> FEATURE:
359 <223> OTHER INFORMATION: CD23 binding peptide
361 <400> SEQUENCE: 26
363 His Asn Glu Trp Pro
364 1                   5
367 <210> SEQ ID NO: 27
368 <211> LENGTH: 6
369 <212> TYPE: PRT
```

FYI

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 11/06/2006
PATENT APPLICATION: US/10/594,674   TIME: 11:00:30

Input Set : A:\604-790 sequence listing.txt
Output Set: N:\CRF4\11062006\J594674.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:24; Xaa Pos. 4
Seq#:32; Xaa Pos. 5
Seq#:43; Xaa Pos. 6
Seq#:44; Xaa Pos. 5
Seq#:45; Xaa Pos. 4
Seq#:46; Xaa Pos. 3
Seq#:47; Xaa Pos. 2
Seq#:51; Xaa Pos. 5

Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27
Seq#:28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51
Seq#:52

VERIFICATION SUMMARY   DATE: 11/06/2006
PATENT APPLICATION: **US/10/594,674**   TIME: 11:00:30

Input Set : **A:\604-790 sequence listing.txt**
Output Set: **N:\CRF4\11062006\J594674.raw**

L:9 M:270 C: Current Application Number differs, Replaced Application Number
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:335 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
L:455 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:616 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0
L:637 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0
L:658 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0
L:678 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0
L:699 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:0
L:761 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0